

LXP-RS

~9.6° spot beam optimized for CREE XP-E. 14.7 mm high assembly with installation tape.

SPECIFICATION:

Dimensions	Ø 21.6 mm
Height	14.7 mm
Fastening	tape
ROHS compliant	yes ⓘ

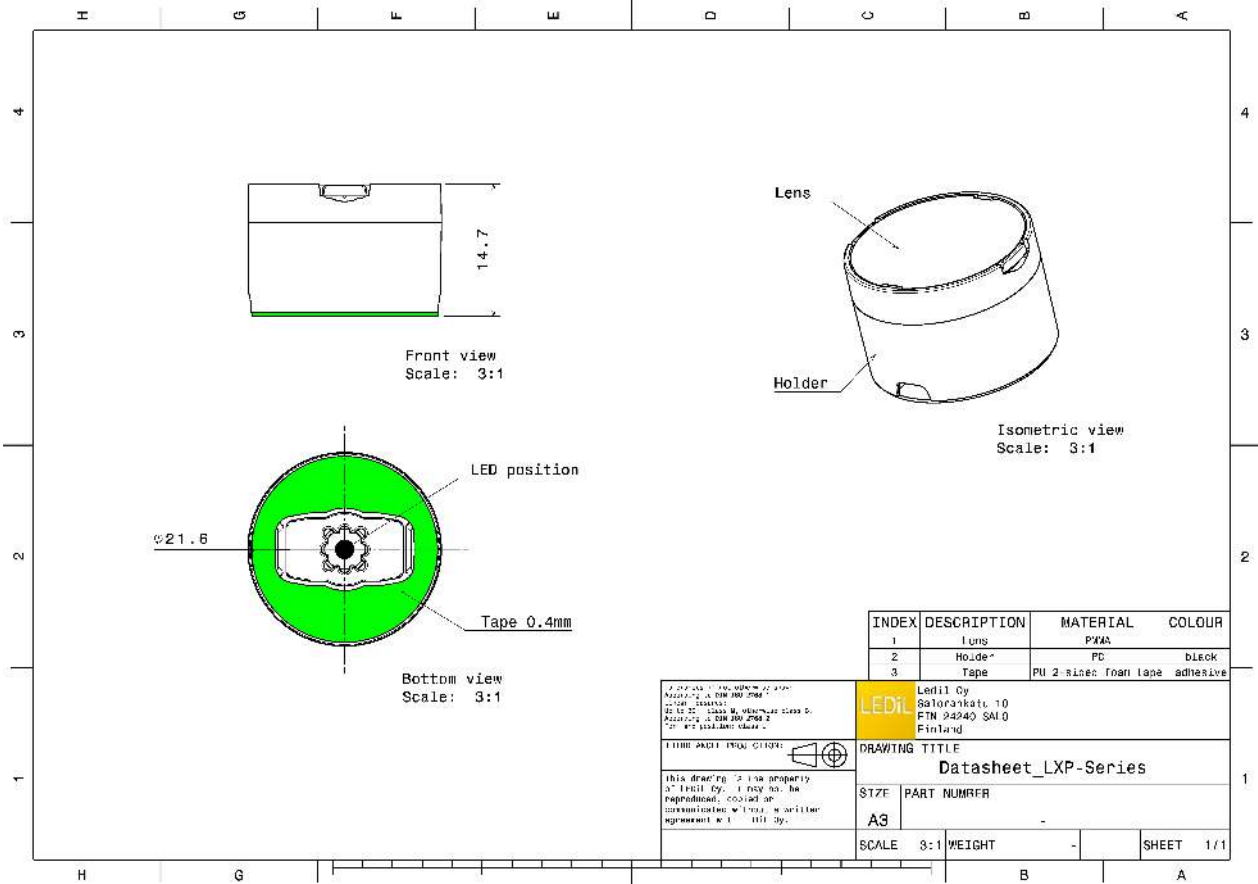


MATERIALS:

Component	Type	Material	Colour	Finish
LR1-RS	Single lens	PMMA	clear	
LXP-LH1-TAPE-BLK	Holder	PC	black	
LEILA-TAPE	Tape	Acrylic foam	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FA10661_LXP-RS	Single lens	2304	288	144	11.5
» Box size: 470 x 235 x 270 mm					

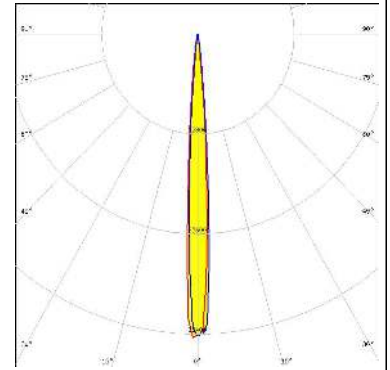


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

CREE ⇄ LED

LED XP-E
 FWHM / FWTM 7.5°
 Efficiency 92 %
 Peak intensity 39.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

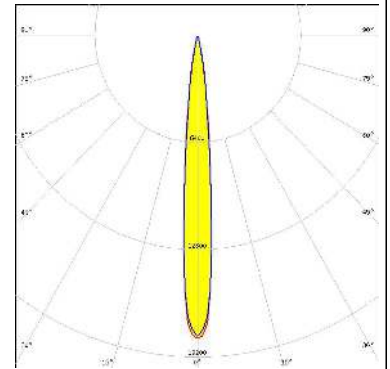


CREE ⇄ LED

LED XP-E-HEW
 FWHM / FWTM 10.0°
 Efficiency 92 %
 LEDs/each optic 1
 Light colour White
 Required components:

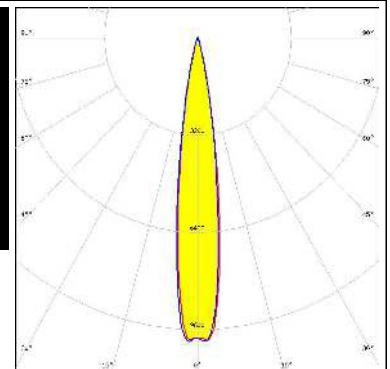
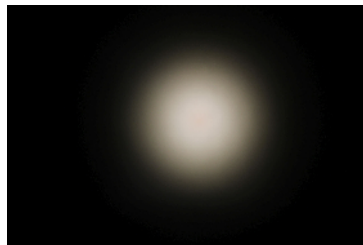
CREE ⇄ LED

LED XP-G
 FWHM / FWTM 11.0°
 Efficiency 94 %
 Peak intensity 20.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE ⇄ LED

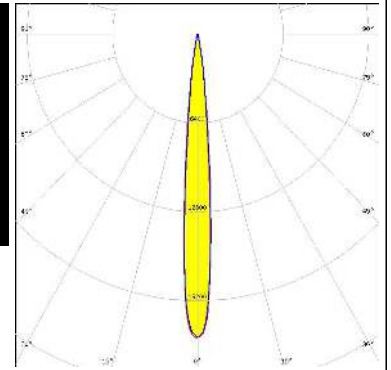
LED XP-L HD
 FWHM / FWTM 16.0° / 28.0°
 Efficiency 91 %
 Peak intensity 10 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):

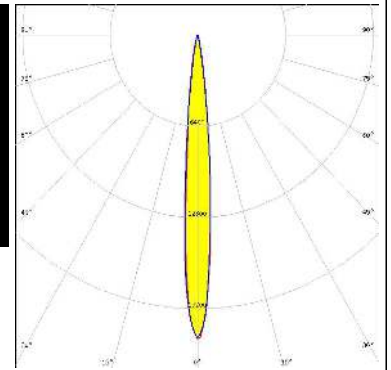
CREE LED

LED XP-L HI
 FWHM / FWTM 10.0° / 19.0°
 Efficiency 90 %
 Peak intensity 22 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

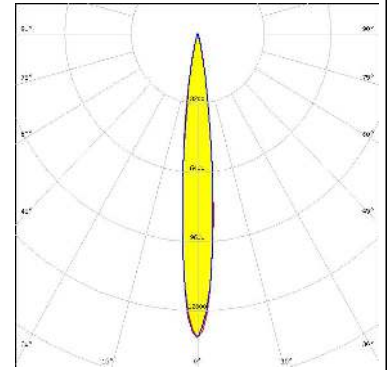
Opto Semiconductors
 LED OSLOM Square CSSRM2/CSSRM3
 FWHM / FWTM 10.0° / 20.0°
 Efficiency 93 %
 Peak intensity 21 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):

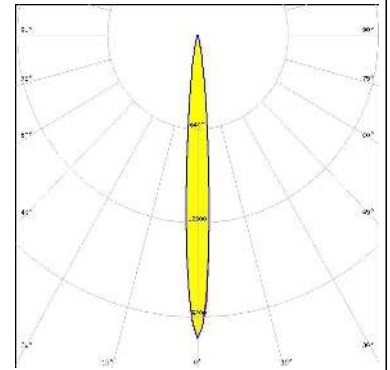
CREE LED

LED XP-G3
 FWHM / FWTM 12.0° / 24.0°
 Efficiency 86 %
 Peak intensity 14 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



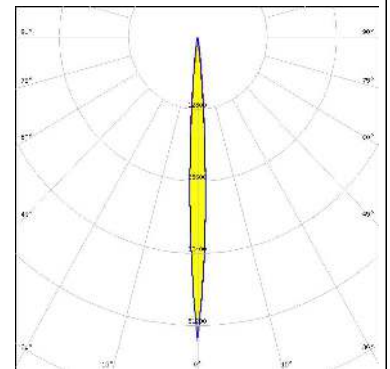
CREE LED

LED XT-E
 FWHM / FWTM 9.0° / 20.0°
 Efficiency 88 %
 Peak intensity 20.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



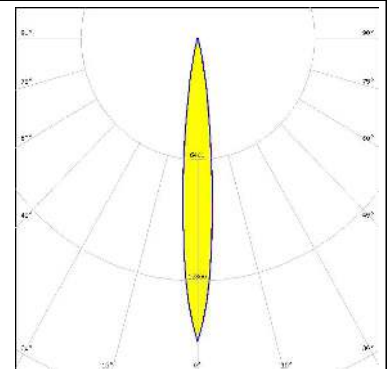
LUMILEDS

LED LUXEON CZ
 FWHM / FWTM 6.0° / 14.0°
 Efficiency 92 %
 Peak intensity 53.9 cd/lm
 LEDs/each optic 1
 Light colour Red
 Required components:

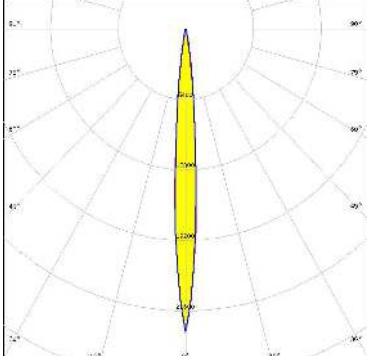
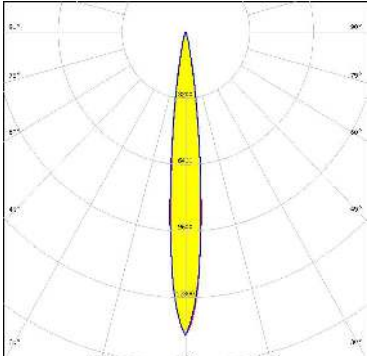
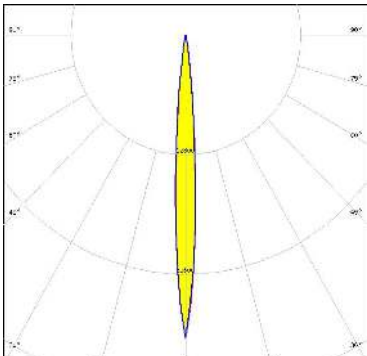


LUMILEDS

LED LUXEON V2
 FWHM / FWTM 11.0° / 24.0°
 Efficiency 93 %
 Peak intensity 16 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):

<p>NICHIA</p> <p>LED: NCSxx19B FWHM / FWTM: 8.0° / 18.0° Efficiency: 91 % Peak intensity: 27.6 cd/lm LEDs/each optic: 1 Light colour: Blue Required components:</p>	
<p>NICHIA</p> <p>LED: NVSxx19B/NVSxx19C FWHM / FWTM: 12.0° / 24.0° Efficiency: 87 % Peak intensity: 14.6 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>SEMI SEOUL SEMICONDUCTOR</p> <p>LED: Z5 FWHM / FWTM: 8.0° / 16.0° Efficiency: 91 % Peak intensity: 32.5 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	

GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

MATERIALS:

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